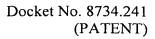
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE clion Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

#### Application Number 10/674,421 Filing Date **TRANSMITTAL** October 1, 2003 First Named Inventor **FORM** CHAE, Gee Sung Art Unit 2629 (to be used for all correspondence after initial filing) **Examiner Name** Doon Y. Chow

| or Individual name MCKENNA LONG & ALDRIDGE LLP  Signature Calcrie P. Hayes 53,005  | Total Number of Pages in This Submiss      |  | ion                      | Attorney Docket Numb | er 8734.241 US  |  |
|--|--|--|--------------------------|----------------------|---|--|
| Fee Attached    Fee Attached   Licensing-related Papers   Appeal Communication to Board of Appeals and Interferences   Appeal Communication to Group   Appeal Notice, Brief, Reply Brief)  | ENCLOSURES (Check all that apply)          |  |                          |                      |   |  |
| Appeals and Interferences  Appeal Communication to Group (Appeal Communication to Group (Interferences)  Provisional Appleation  Provisional Applea | Fee Transmitt                              | al Form  | Drawing(s)               |                      |   |  |
| After Final After Final After Final After Final After Final Aftidavits/declaration(s)  Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts Under 37 CFR 1.52 or 1.53  Rebecca G. Rudich, Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP  Signature  Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address  Proprietary Information  Proprietary Infor | Fee Attached                               |  | Licensing-related Papers |                      |   |  |
| Affidavits/declaration(s)  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Or Individual name  Rebecca G. Rudich, Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP  Signature  Provisional Application Provisional Application Provisional Application Change of Correspondence Address Other Enclosure(s) (please identify below):  Request for Refund  CD, Number of CD(s)  Remarks  Remarks  Remarks  Remarks  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Or Individual name  Rebecca G. Rudich, Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP  Signature  Signature  Provisional Application Provisional Application Change of Correspondence Address  Other Enclosure(s) (please identify below):  Status Letter  Other Enclo | X Amendment/Reply                          |  | Petition                 |                      | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |  |
| Extension of Time Request  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Rebecca G. Rudich, Reg. No. 41,786 or Individual name  Response to Missing Parts  WCKENNA LONG & ALDRIDGE LLP  Signature  Change of Correspondence Address  Other Enclosure(s) (please identify below):  Request for Refund  CD, Number of CD(s)  Remarks  Remarks  Remarks  Remarks  Signature  Change of Correspondence Address  Other Enclosure(s) (please identify below):  Request for Refund  CD, Number of CD(s)  Remarks  Remarks  Remarks  Signature  Signature  Change of Correspondence Address  Other Enclosure(s) (please identify below):  Request for Refund  CD, Number of CD(s)  Remarks  Remarks  Remarks  Signature  Signature  CD, Number of CD(s)   | After Final                                |  |                          |                      | Proprietary Information   |  |
| Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm or Individual name  Rebecca G. Rudich, Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP  Reguest for Refund  CD, Number of CD(s)  Remarks  Remarks  Remarks  Remarks  AUTORNEY, OR AGENT  Rebecca G. Rudich, Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP  Signature  Column 1   | Affidavits/declaration(s)                  |  |                          |                      | Status Letter   |  |
| Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Cor Or  | Extension of Time Request                  |  | Terminal Disclaimer      |                      |   |  |
| Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm or Individual name  Rebecca G. Rudich, Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP  Signature  Calculate P. Hayys 53,005  | Express Abandonment Request                |  | Request for F            | Refund               |   |  |
| Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm or Individual name  Rebecca G. Rudich, Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP  Signature  Signature  Daluri P. Hayy 53,005  | Information Disclosure Statement           |  | CD, Number of CD(s)      |                      |   |  |
| Response to Missing Parts Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm or Individual name  Rebecca G. Rudich, Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP  Signature  Calcular P. Hayer 53,005  |  |  |                          |                      |   |  |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm or Individual name  Rebecca G. Rudich, Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP  Signature  Calculate P. Hayer 53,005  |  |  | Remarks                  |                      |   |  |
| Rebecca G. Rudich, Reg. No. 41,786 or MCKENNA LONG & ALDRIDGE LLP Signature  Rep. No. 41,786 MCKENNA LONG & ALDRIDGE LLP Signature  Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP Signature  Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP Signature  Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP Signature  |  |  |                          |                      |   |  |
| Rebecca G. Rudich, Reg. No. 41,786 or MCKENNA LONG & ALDRIDGE LLP Signature  Rep. No. 41,786 MCKENNA LONG & ALDRIDGE LLP Signature  Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP Signature  Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP Signature  Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP Signature  |  |  |                          |                      |   |  |
| Rebecca G. Rudich, Reg. No. 41,786 or MCKENNA LONG & ALDRIDGE LLP Signature  Rep. No. 41,786 MCKENNA LONG & ALDRIDGE LLP Signature  Reg. No. 41,786 Signature P. Hayy 53,005   |  |  |                          |                      |   |  |
| or Individual name MCKENNA LONG & ALDRIDGE LLP  Signature Valerie P. Hayes 53,005  | SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |  |                          |                      |   |  |
| 3000000  | or T M                                     | Rebecca G. Rudich, Reg. No. 41,786 MCKENNA LONG & ALDRIDGE LLP |                          |                      |   |  |
| Date January 11, 2007  | Signature                                  | Valerie P. Hayes 53,005  |                          |                      |   |  |
|  | Date Ja                                    |  |                          |                      |   |  |





## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gee Sun CHAE

Customer No. 30827

Application No. 10/674,421

Confirmation No. 5657

Filed: October 1, 2003

Art Unit: 2629

For: IN-PLANE SWITCHING MODE LIQUID

CRYSTAL DISPLAY DEVICE HAVING

IMPROVED APERTURE RATIO

Examiner: Doon Y. Chow

# Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

Sir:

In response to the Office Action dated October 17, 2006, Applicants hereby request entry of the following amendments.

## **INTRODUCTORY COMMENTS**

Amendments to the Claims are reflected in the listing of claims that begin on page 2 of this paper.

Remarks begin on page 5 of this paper.